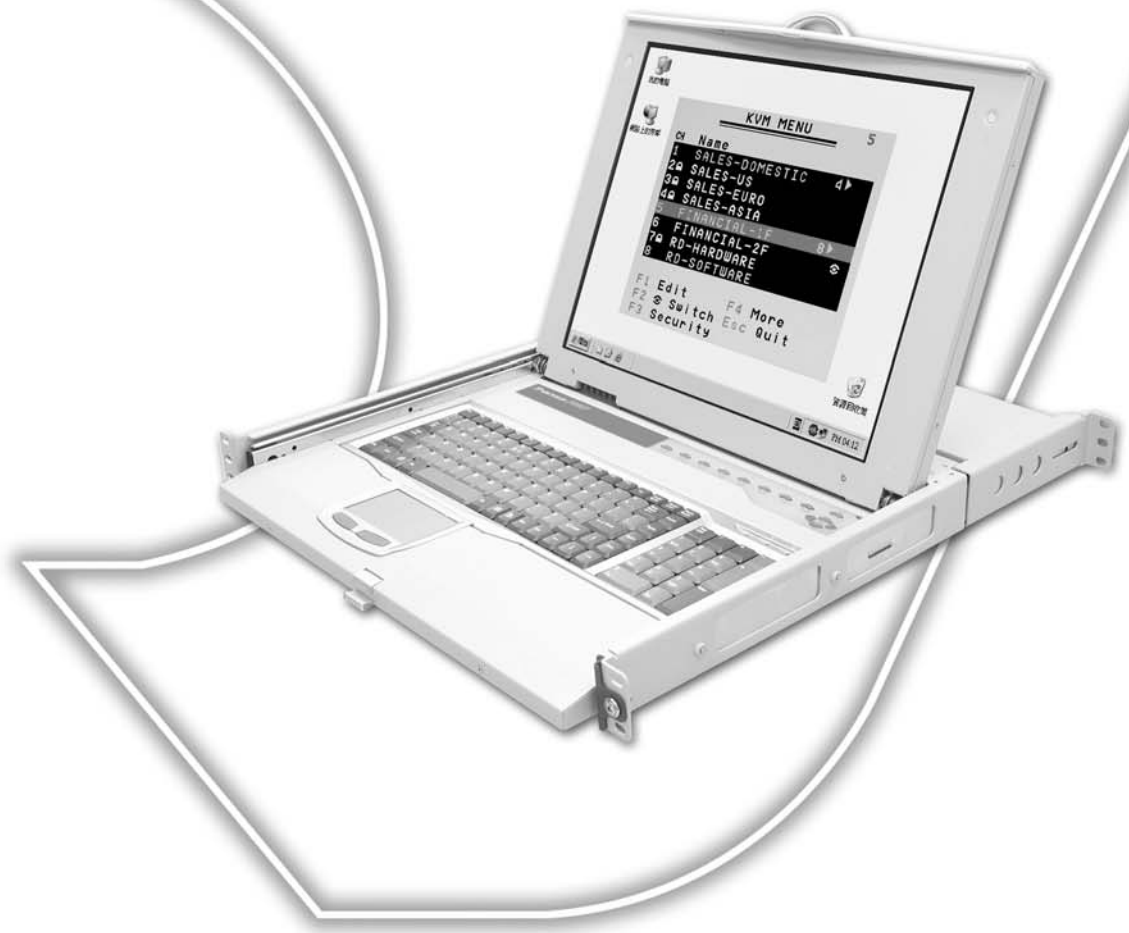
Transa PRO
TransaView



For Console

Transa PRO 17
Transa PRO 15
TransaView

User's manual

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Please read this manual thoroughly and follow the **Installation** procedures to prevent any damage to the product or any connecting device.

FC CE

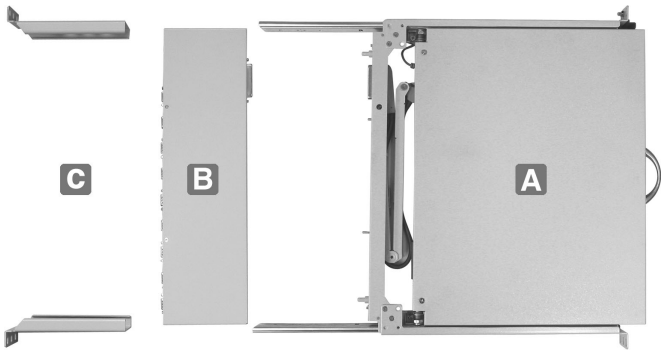
Introduction

The TransaView and Transa PRO offer the ultimate in styling and computer management. With a keyboard mouse, TFT LCD panel and a KVM switch module housed in an industry standard 19" 1U-height rack drawer, it saves you up to 1/3 of valuable real estate from a rack cabinet. Better yet, when the console is cascaded with other KVM switch modules to increase server management capacity, you save even more!

All KVM switch modules come with a universal C-36 connector for connection between the console drawer and a KVM switch module. This modularized design offers the maximum flexibility, as you can choose and swap the modules to fit your needs. A KVM switch module can also be used as an independent KVM switch.

The console comes in three parts

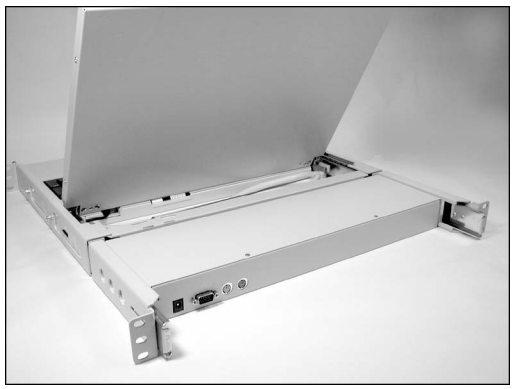
A 1U slide drawer with keyboard, touchpad, and 15" LCD monitor.
B KVM Switch Module. (15 different modules available, as shown on page 6)
C Rear bracket and extension kit.



The console with One-port PS/2 KVM switch module

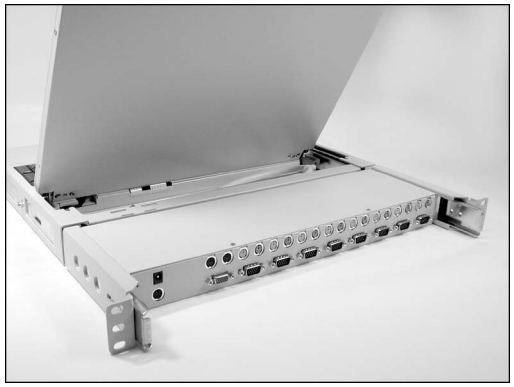
It saves you up to 1/3 of valuable rack cabinet spaces and acts as a space-saving console with keyboard, mouse, and monitor. With an IKM001, it can be connected to a PS/2 computer directly or to the console ports of a PS/2 KVM switch.

This setup can be considered as a combination of a PS/2 keyboard, a PS/2 mouse, and a LCD monitor.



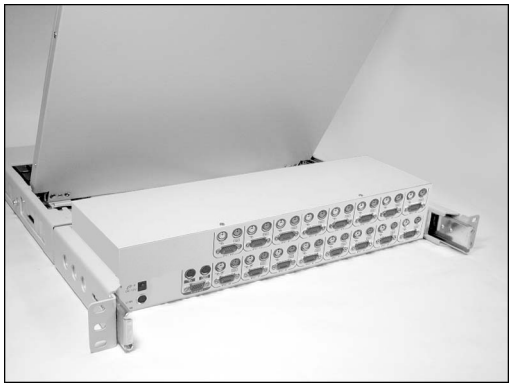
The console with 1U-height KVM Switch Module

When a 1U-height KVM switch module is slid into the rear side of the console drawer, the entire setup takes 1U space of a rack-cabinet.



The console with
2U-height KVM Switch Module

Attached with a 2U-height KVM switch module, the setup takes 1U-height for the console drawer and 2U-height for the KVM switch module behind it.



Console

Overview

Three major models of consoles, Transa PRO 17, Transa PRO 15, and TransaView, are available with 17" LCD panel, 15" LCD panel respectively. These three models share the same accessories (The KVM switch modules and Rear Bracket Kits). The console is a 19" 1U drawer designed for applications where space is at a premium, or CRT displays are undesirable. The Transa PRO 17 and Transa PRO 15 models support replaceable keyboard and replaceable touch pad.

The drawer can be pulled out for operation from the rack and latched in the extended position. When not in use, the display can be folded down, locked and secured while pushed in.

With different Rear bracket & extension kit, the console can be mounted on rack cabinet of various depths.

The console comes with standard PS/2 keyboard connector, PS/2 mouse connector and HDB15 VGA connector for computer or KVM switch connection.

Model	**Transa PRO 17**	**Transa PRO 15**	**TransaView**
Keyboard Replaceable	Yes	Yes	No
Touch Pad Replaceable	Yes	Yes	No
Module Selection	Yes	Yes	Yes
H x W x D (mm)	502*445*43.5	502*445*43.5	485*445*43.5

Features

- Modularized KVM switch design.
- KVM switch modules are available for PS/2, USB, or Sun interface with 8-or 16-port.
- Flip-open 15" or 17" LCD panel supports resolution 1024x768 or 1280x1024 respectively.
- For managing computers with PS/2, USB, or Sun interface.
- For rack cabinet with depth from 20"(50cm) and up (with appropriate *Rear bracket & extension kit*).
- Standard 19" 1U rack drawer.
- Ergonomic hand rest design.
- Locking mechanism locks the drawer when pulled out, pushed in, or folded down.
- Full 105 key, low-profile, sturdy keyboard included.
- Ultra sturdy, tilt-free, two-piece Rear Bracket and Extension design.
- Quick and easy installation.
- A universal C-36 connector for connection between console drawer and KVM switch module.
- Supports Sun keyboard mapping and Mac keyboard mapping.
- Optional Built-in -48V/-24V Power Module available.
- OSD Control and Adjustment

Extra Features for Transa PRO 17 and Transa PRO 15

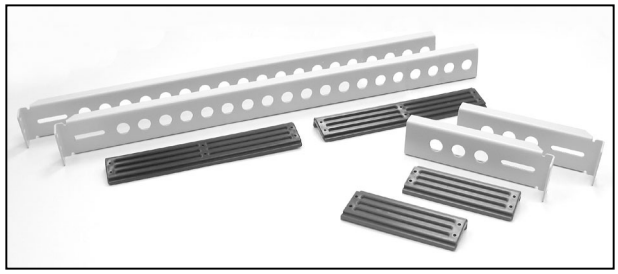
- ◆ User-replaceable keyboard with various languages support.
- ◆ User-replaceable touch pad for easy replacement.
- ◆ Touch pad with simulated wheel control.

● Packing List

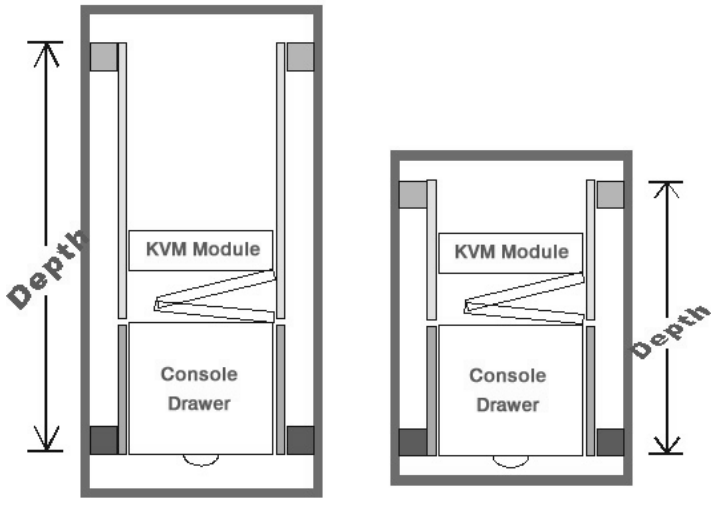
■ ***Console:*** "LCD panel + keyboard + mouse pad" console drawer

■ ***Rear bracket & extension kit:*** This kit contains two pieces of rear brackets and two pieces of extensions. Make sure you have the correct kit to fit the depth of your cabinet. ***Note****: **the following length is measured between "front pole and rear pole inside a rack cabinet" not the outside depth of a rack cabinet enclosure.***

Front pole to rear pole distance (**Depth**)	REK5X		REK6X		REK7X		REK8X		REK9X	
	cm	**inch**	***cm***	**inch**	***cm***	**inch**	***cm***	**inch**	***cm***	**inch**
Minimum	***49.5***	**19 1/2**	***57.5***	**22 5/8**	***67.5***	**26 5/8**	***77.5***	**30 1/2**	***87.5***	**34 1/2**
Maximum	***57***	**22 3/8**	***70.5***	**27 3/4**	***80.5***	**31 5/8**	***90.5***	**35 5/8**	***100.5***	**39 1/2**



REK9X (upper-left)
and
REK5X (lower-right)



Top view of a rack cabinet with console installed: **Depth** decides the model number of the REKxX.

■ ***The KVM Switch Module (Please also see another user's manual for more details about the KVM Switch module):*** KVM switch module box can be connected to a console or be used as a stand-alone KVM switch. There are three major categories: PS/2, USB and Sun interfaces.

PS/2 Interface	**IKM001**	**IKM108D**	**IKM116D**	**IKM2108D**	**IKM2116D**
No. of console port	1	1	1	2	2
No. of computer port	1	8	16	8	16
KVM switch inside	No	Yes	Yes	Yes	Yes
OSD menu	No	Yes	Yes	Yes	Yes
Height	1U	1U	2U	1U	2U
Cable type	**CBM**xxx**T** or **CBK**xxx**T**				
Model Indicator	1►1	1►8	1►16	2►8	2►16

Type	*Hybrid*		*Sun*	
Model name	**IGM108D**	**IGM116D**	**ISM108**	**ISM2208**
Interface	PS/2, USB		Sun (mini-DIN8)	
No. of console port	1	1	1	2
No. of computer port	8	16	8	8
OSD menu	Yes		No	
Height	1U	2U	1U	
Cable type	**CBM**xxx**T**, **CBK**xxx**T**, **CBM**xxx**UT**		**CBK**xxx**ST**	
Model Indicator	1►8 for *USB+PS/2*	1►16 for *USB+PS/2*	1►8 for Sun	2►8 for Sun

Type	*Slim*					
Model name	**IMM104D**	**IMM108D**	**IMM116D**	**IUM104D**	**IUM108D**	**IUM116D**
Interface	PS/2			PS/2, USB		
For computer	PS/2-PC			PS/2-PC, USB-PC, USB-Sun, USB-Mac		
No. of console port	1	1	1	1	1	1
No. of computer port	4	8	16	4	8	16
OSD menu	Yes			Yes		
Height	1U			1U		
Cable type	**CBM**xxx**H**			**CBM**xxx**H**, **CBM**xxx**UH**		
Model Indicator	1►4	1►8	1►16	1►4	1►8	1►16
Color of computer port connector	Blue gray			Gray		

■ ***Optional Built-in -48V/-24V Power Modules are available: IKMP001, IMMP104D, IMMP108D,IUMP104D, and IUMP108D***

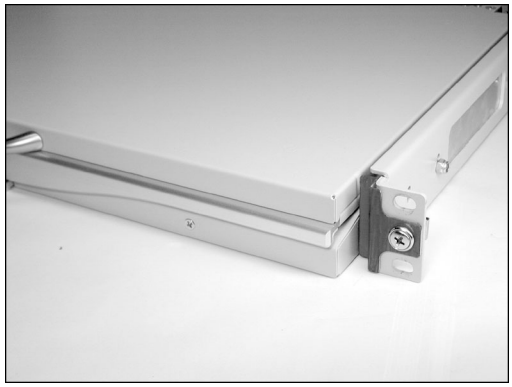
■ ***Bolt-and-nut set***

■ ***User's manual***

Assembly

1. Choose a proper position for the rack drawer. Mount the rear brackets (from the *Rear bracket & extension kit*), and lightly fasten them onto the rear vertical poles. Both will be removed later.

2. Remove the *safety stopper* from the console drawer. The *safety stopper* is designed to prevent the drawer from sliding out during transportation.

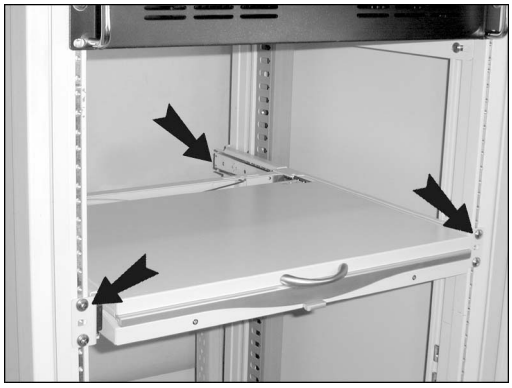


WARNING

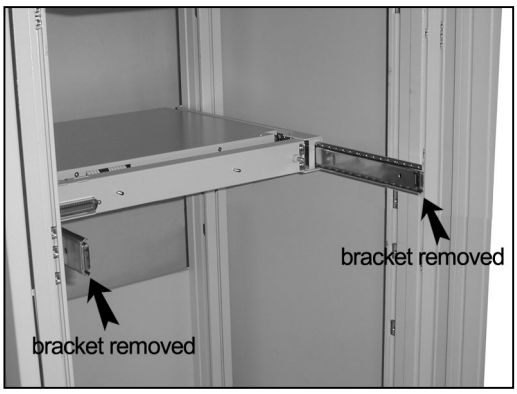
After the *safety stopper* is removed, the drawer may slide out when tilted and cause serious injury.

3. Slide the console drawer to the rack cabinet from the front and insert the two slide rails of the console drawer into the pockets of the rear brackets.

4. Fasten the console drawer onto the front brackets by four screws. The metal brackets as shown in the far arrow support rear side of the console.



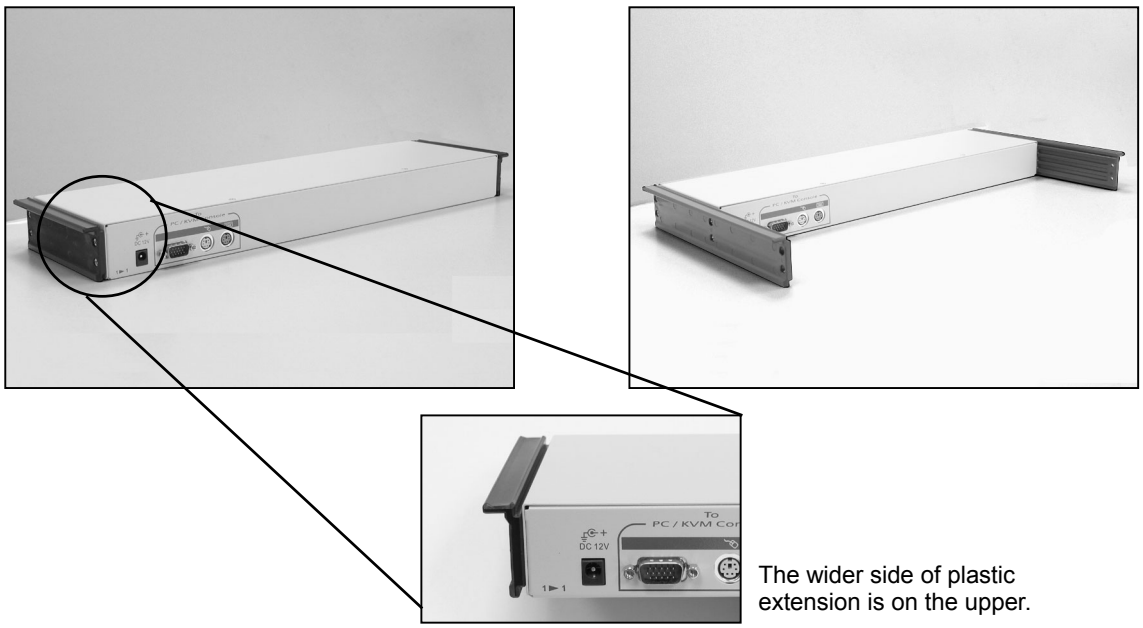
5. Remove both of the rear brackets and slide the console drawer out half way to balance its weight. Now, the front brackets hold the console drawer.



6. Attach the extensions (from the *Rear bracket & extension kit*) to both sides of the KVM switch module. Please note the length of the extensions and mount them in one of the following ways. For a 2U module, the extensions are mounted to the lower half of the module.

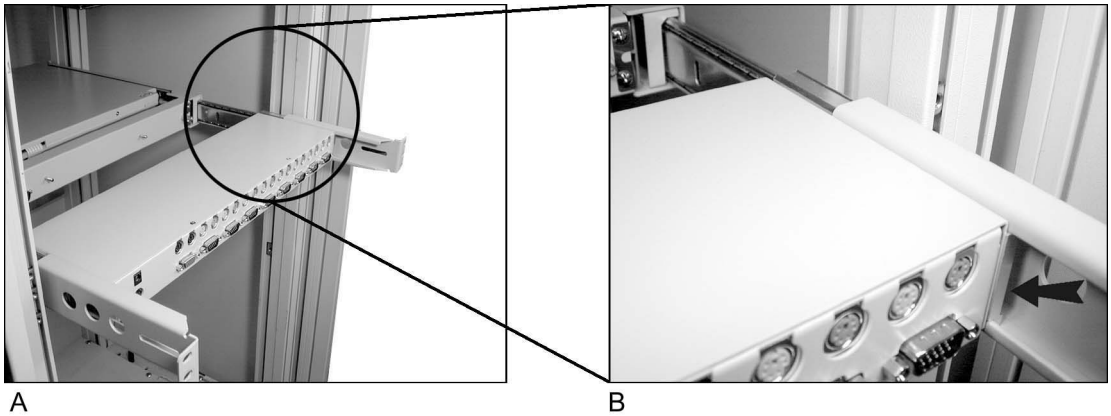
Short extensions attachment

Long extensions attachment



The wider side of plastic extension is on the upper.

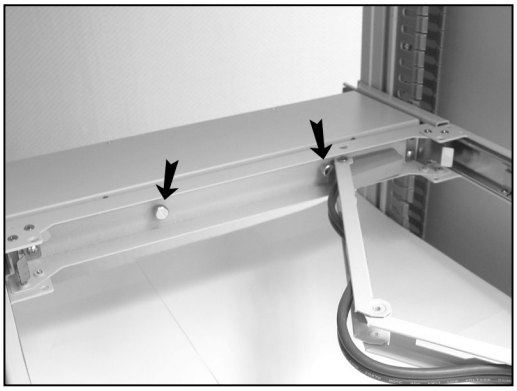
7. **The rear brackets, extensions and slide rails have tightly fit. Make sure you follow these steps for easy installation.** **A.** Slide the rear brackets onto the extensions. **B.** Then, insert both sliding rails of the console drawer into the tight space formed by the rear brackets and the extensions. ***The KVM switch module should be pushed in EVENLY on both of right and left sides by both of your two hands.***



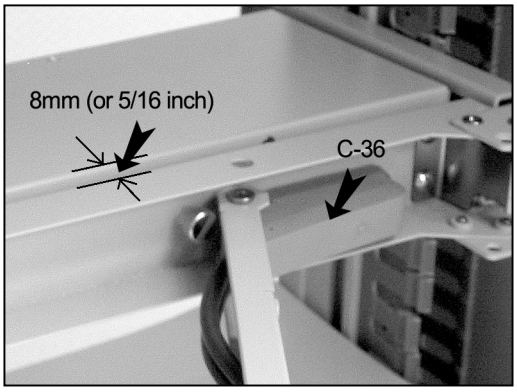
A B

8. Push the rear brackets all the way in and fastens them.

9. Slide the console drawer out. Push the KVM switch module ***evenly*** toward the drawer and lock both units by the screws.



10. Make sure the C-36 connectors are firmly mated during step 9.

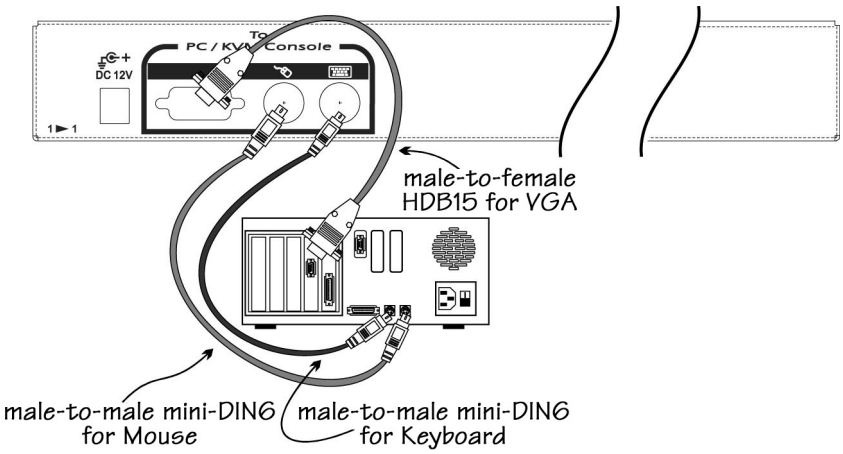


11. Connect the power supply to the power jack on the KVM switch module to complete the installation.

Installation

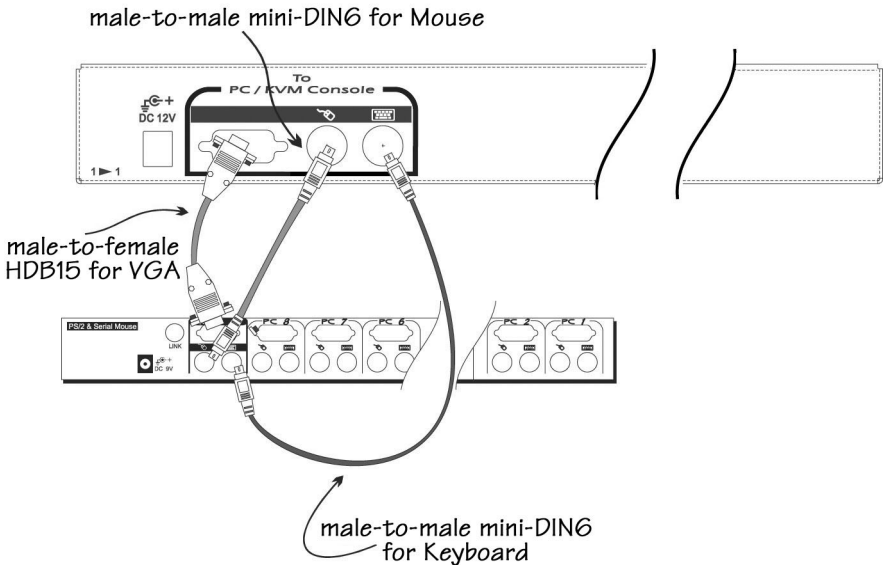
The installations for KVM switch module with computers can be found in the other user's manual.

The combination of a console and an IKM001 can be considered as a set of PS/2 keyboard, mouse and monitor as shown below.



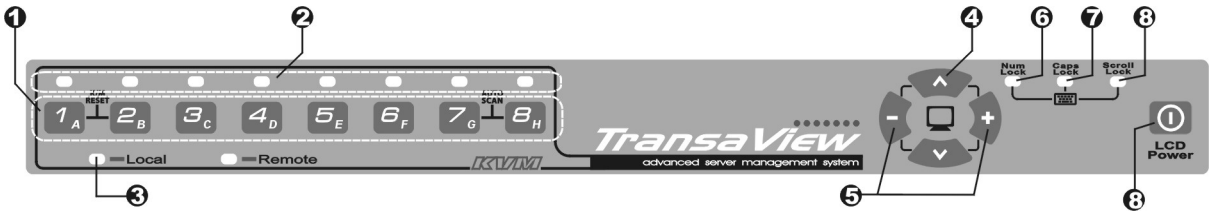
The console connects to a computer

Or, the console with the **1 ▸ 1** KVM switch module can be connected to a KVM switch as shown below.

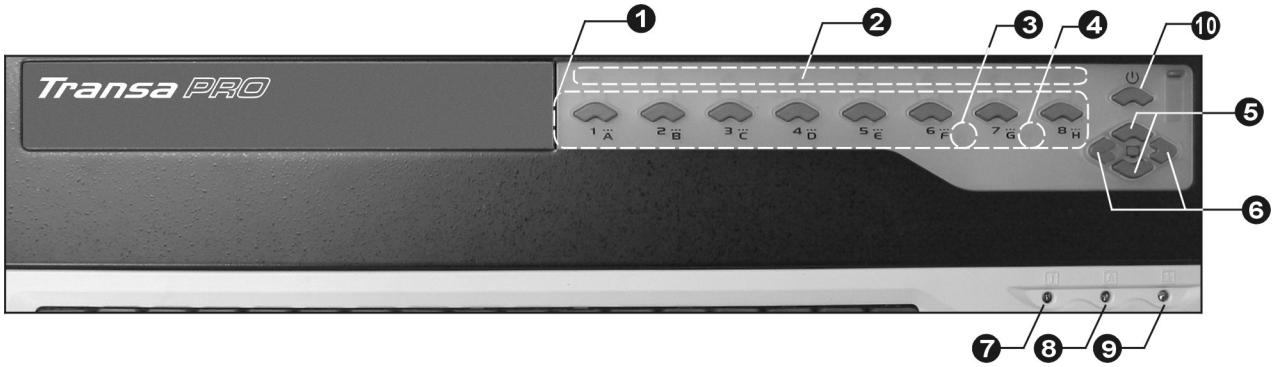


The console connects to a KVM switch

Front Panel



Front panel of the TransView model



Front panel of the Transa PRO 17/ Transa PRO 15 model

■ KVM Control and Status: (*This section is effective only when a KVM switch module is connected, not applicable for* IKM001 *module.*)

1. ***Computer Selection Pad***

   Press one of these pushbuttons to select a computer. For 16-port models: "1"~"8" represent the lower 8 ports and "A"~"H" for the higher 8 ports. Port "1" and "A" share the same pushbutton, if port "1" is already selected, tap its pushbuttons to select port "A". If port "1" is not selected, press and hold the pushbutton "1" for 2 seconds to select port "A".

2. ***Selected Computer Indicator***

   One of the indicators turns red when it corresponding computer is selected.

3. ***Local Console in operation***

   It turns green when a computer is accessed through the console.

4. ***Remote Console in operation***

   It turns green when a computer is accessed by another set of keyboard/mouse/monitor connected to the "**Remote**" console when the KVM switch module is IKM2108D, IKM2116D, or ISM2208.

■ LCD Panel Control

5. ***LCD Panel Menu***

   These buttons invoke the OSD menu for settings of the LCD panel as an ordinary LCD monitor.

6. ***LCD Panel Adjustment***

   This can let you adjust settings for the LCD panel.

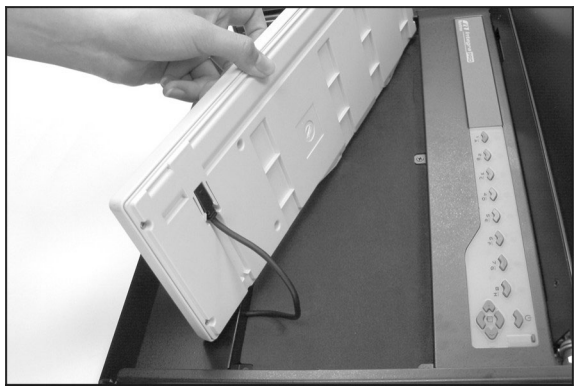
■ Keyboard Status & LCD Panel Power Switch

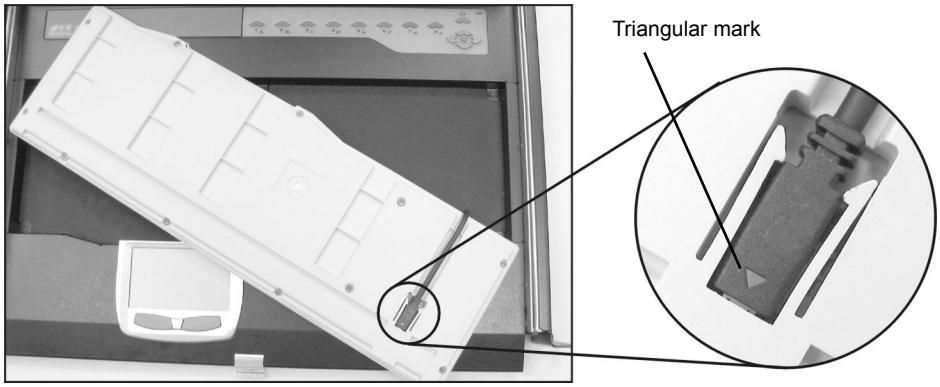
7. ***Num Lock***
   Keyboard Num Lock status.
8. ***Caps Lock***
   Keyboard Caps Lock status.
9. ***Scroll Lock***
   Keyboard Scroll Lock status.
10. ***LCD Panel Power Switch***

● Replaceable Keyboard and Touch Pad (*For Transa PRO 17 and Transa PRO 15 ONLY*)

■ Replaceable Keyboard

The keyboard is replaceable for language change or maintenance. Tilt it up, locate the mini-USB cable underneath the keyboard and gently unplug it. While installing a keyboard, make sure that you extend just enough of the cable to keep the keyboard flat inside the tray.



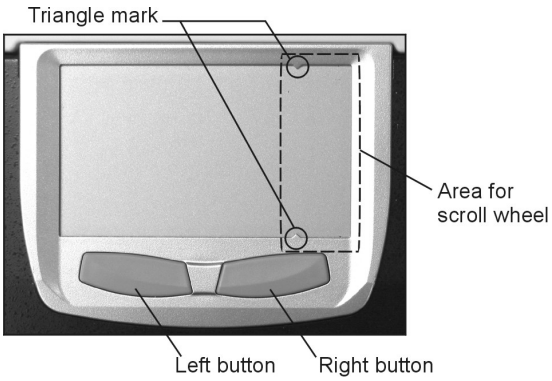


Note: The triangular mark on the mini-USB connector must face outwards.

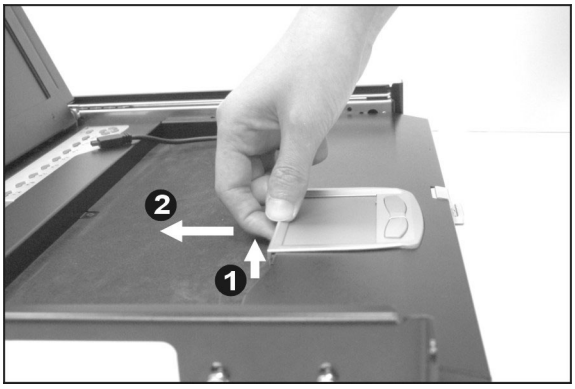
■ Replaceable Touch Pad

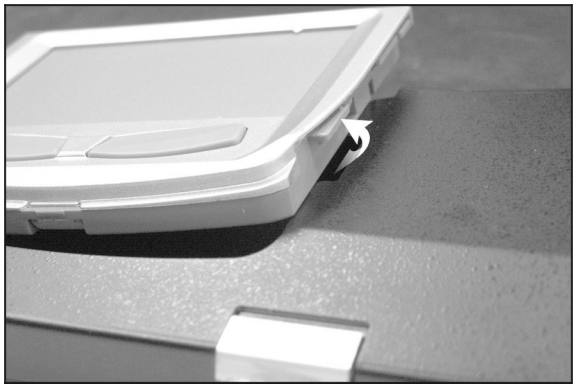
1. Touch Pad and Its “Wheel”
   The Touch Pad simulates a “wheel mouse”. The area of the Touch Pad to the right side of the two small *triangular marks* is the simulated “wheel” as shown below.

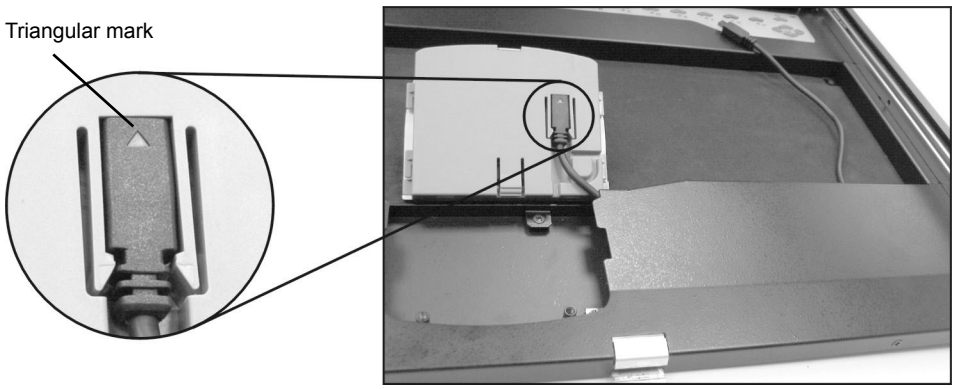
2. Touch Pad Replacement



To remove the Touch Pad, press the tab underneath it upward to release the latch, and then slide it outwards till the Touch Pad can be lifted up clear from the notches, as shown in the figure on the right. The Touch Pad is attached by a piece of mini-USB cable. To install the Touch Pad, extend just enough mini-USB cable and slide the Touch Pad all the way in till you hear a click sound as it is locked in position.







Note: The triangular mark on the mini-USB connector must face outwards.

Optional Power Supply Holder
You may secure the power supply on the holder by tie wraps before installing the complete setup to a rack.

LCD Panel Specification

Specifications	15” LCD Panel	17” LCD Panel
Active Display Area	304.1 x 228.1 (mm)	337.920 x 270.336 (mm)
Pixel Pitch (mm)	0.297 (H) x 0.297 (V)	0.264 (per one triad) x 0.264
Resolution	1024 x 768 @60/70/75Hz	1280 x 1024
Color Pixel Arrangement	RGB vertical strip	R.G.B. Vertical Stripe
Display Mode	normally white TN	Normally White
Brightness(cd/m^2)	250(cd/m2)@8mA	260 (center) @ 7mA
Contrast Ratio	350:1	450:1 (Typ)
Display Color	16.7M (8 bits)	262K colors (RGB 6-bits data)
User Control	OSD Control (auto saving)	OSD Control
Input Signal	RGB analog, H/V separate	Even/Odd R/G/B data, ey sync signal, Clock
Plug-n-Play VESA	VESA DDC 1/2B	VESA DDC 1/2B
Power Consumption	33W typical, normal operation	25W typical, (w/o Inverter, All black pattern)
Viewing Angle	-60~60(H) -55~45(V) (Typ.)	-80~80(H) -80~80(V) (Typ.)
Backlight Unit	2 CCFLs edge-light(top/bottom)	4 CCFLs edge-light(top/bottom)
Temperature Operating Storage (Shipping)	 0 to +50 (° C) -20 to +60 (° C)	 0 to +50 (° C) -20 to +60 (° C)
Operating Humidity	Relative Humidity ≦95% (Ta ≦40° C)	Relative Humidity 8% ~ 95%
Non-Operating Humidity	90% RH	95% RH
Power Supply Input Voltage	Full range, 100V AC to 240V AC	
Power Supply Input Frequency	47 Hz ~ 63 Hz	
Approval	CE, FCC for the product. UL, TUV, CE for power supply	

***Note*:**

1) For optimum video performance, VGA resolution should be set to 1024 x 768 for 15” LCD panel and be set to 1280 x 1024 for 17” LCD panel with low refresh rate.

2) If part of the display is not clear, please activate “Auto Adjust” for the LCD monitor using the four “LCD Panel Control” buttons.

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT OR INDIRECT, SPECIAL, INCIDENTIAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFIT, LOSS OF BUSINESS, OR FINANCIAL LOSS WHICH MAY BE CAUSED BY THE USE OF THE PRODUCT EXCEEDS THE PRICE PAID FOR THE PDOCUDT.

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